SONY

DCR-HC62

MiniDV Handycam® camcorder

The DCR-HC62 includes versatile features to help you enjoy exceptional video and still images. The Carl Zeiss® Vario-Tessar® Lens and Super SteadyShot® image stabilization produce clear, detailed video, even when using the 25x optical/2000x digital zoom to get up close. Plus, the built-in Memory Stick PRO Duo™ media slot lets you share your images simply and easily.

- 1.0 Megapixel (Gross) Advanced HAD™ CCD Imager
  1/6" Advanced HAD™ (Hole Accumulation Diode) CCD with 690K (effective) pixels provides stunning detail and clarity with exceptional video (up to 520 lines of horizontal resolution) and still image performance. The Megapixel technology enhances your digital videos and digital still photography performance.
- MiniDV Recording
  Offers up to 520 lines of horizontal resolution, 3X the color bandwidth and a significantly higher signal/noise ratio, to provide spectacular video performance.
- 25X Optical / 2000X Digital Zoom
  The optical zoom helps to bring the action close up from far away. In addition, Digital Zoom Interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zoom.
- Professional Quality Carl Zeiss® Vario-Tessar® Lens
  Carl Zeiss® Vario-Tessar lenses are designed specifically for compact camcorders, and utilize precision ground optics to maintain the sharpness and contrast found with larger lenses.
- 2.7"[1] Touch Panel SwivelScreen™ LCD Display (123K Pixels)
  The 2.7"[1] LCD screen provides exceptional viewing clarity with 123K pixels resolution. The display rotates up to 270 degrees for multiple viewing angles, as well as provides sharp, detailed images for monitoring or playback.
- Super SteadyShot® Picture Stabilization System
  Picture stabilization system that uses motion sensors to detect and compensate for camera "shake" without compromising picture quality like some other digital stabilization systems.
- InfoLITHIUM® Battery with AccuPower™ Meter System
  Unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium Ion batteries are not subjected to a life shortening "Memory Effect," so you're free to charge the battery at any time. Additionally, Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in either the viewfinder or on the LCD screen.
- Stamina® Battery Power Management System
  When using the Sony InfoLITHIUM® Battery, the Stamina® Battery Power Management System helps the camcorder prolong battery life for extra long continuous recording times from a single charge.[7]
- Tele Macro Function
  Images shot in the Tele Macro Mode help your subject stand out by properly focusing the subject while leaving the background unfocussed. The Tele Macro Mode is useful for shooting close-up shots, especially when you need to prevent the camcorder from casting a shadow on the subject.
- Manual Focus
  Manually adjust the focus of the camcorder using the touch panel. Manual focusing also allows the user to control the focus in difficult situations where either the environment or the subject does not allow the camcorder's auto focus to perform optimally, such as when shooting through a window or in a crowded environment.
- Super NightShot® Plus Infrared System
  The Super NightShot® Plus Infrared System uses a slow shutter mode to let you shoot video with improved color and contrast, even in total darkness (0 lux).
- Scene Selection Modes
  Scene Selection modes make recording easy even when filming in challenging situations. Choose from Beach, Candle, Fireworks, Landscape, Portrait, Sports Lesson, Spotlight, and Sunrise & Sunset.
- Picture Effects
  Get creative when recording or playing back your videos with Sony's Picture Effect Modes. Effects available in Camera mode: Monotone, Pastel and Sepia. Effects available in Playback mode: Monotone, Pastel and Sepia.
- Fader Effects
  Enhance your personal videos by adding professional looking fader effects. Choose from Black and White.
- On Screen Zoom and Record Buttons
  For additional control of the camcorder, Zoom and Record buttons are features on the frame of the LCD screen. This allows for more flexibility when holding the camcorder, especially in overhead or low angle shots.
- USB Streaming
  Stay connected to family and friends by broadcasting live video with audio over the internet using the USB interface. You can even playback your favorite recorded scene on the camcorder's tape. It's like having your own video conferencing system.
- Easy Handycam Button
  Using a camcorder can be intimidating for some people. With a press of the Easy Handycam Button, most of the advanced features of the camcorder are "locked out," letting you focus only the buttons essential for recording.

HANDYCAM

DCR-HC62

Specifications

General

Imaging Device: 1/6" Advanced HAD™ CCD Imager
Pixel Gross: 1070K
Recording Media: MiniDV
Recording and Playback Times: SP: 60min/80min., LP: 90min/120min.
Video Actual: 690K Pixels (4:3), 670K Pixels (16:9)
Still Actual: 1000K Pixels (4:3), 750K Pixels (16:9)
Processor: N/A
Video Resolution: N/A
Still Picture Resolution: 1 megapixel

Audio

Audio Format: PCM Digital Stereo (12/16bit)
Microphone: Yes

Convenience

USB Streaming: Yes
White Balance: Auto / outdoor / indoor / Onepush (Touch Panel)
Memory Stick PRO™ Media Compatibility: Tested to support up to 8GB media capacity; does not support high speed transfer function; does not support Access Control security function.
Still Image Mode(s): JPEG
Face Detection: N/A
Hybrid: N/A
Hybrid Plus: N/A
Quick On: N/A
Dual Record: N/A
Dynamic Range Optimizer: N/A
Scene Mode(s): Auto, Twilight, Candle (movie only), Sunrise & Sunset, Fireworks (movie only), Landscape, Portrait, Spotlight, Sports (movie only), Beach, Snow
Image Stabilization: S-SS

Convenience Features

Easy Operation: Yes
Multiple Language Display: Yes
Slide Show Mode: Yes
Picture Effect(s): Mosaic, Solarization, Monotone, Sepia, Neg. Art, Pastel
Digital Picture Effect(s): Still, Flash Motion, Luminance Key, Slow Shutter, Trail, Old Movie
PictBridge Compatible: Yes
Low Light Capability: S-NS plus
Fader Effect(s): Black, White, Mosaic, Overlap, Wipe, Monotone, Dot
Face Index: N/A
Film Roll Index: N/A
Photo Capture from Movie: Yes
Dubbing Button: N/A
x.v.Color™ : N/A
BRAVIA® Sync™ : N/A

Video

Format: DV (AVI)
Video Signal: NTSC color, EIA standards

Video Features

PhotoTV HD: N/A

Inputs and Outputs

Analog Audio/Video Output(s): Included (via A/V Remote Terminal)
USB Port(s): Yes (ver 1.1)
i.LINK® Interface: Yes (DV only)
S-Video Output(s): Available via A/V Remote (cable not included)
Audio/Video Remote Terminal: Yes

Display

LCD Screen: 2.7"[1] wide (16:9) hybrid touch panel LCD display (123k pixels)
Viewfinder: Color Wide 16:9 (123K Pixels)

Hardware

Memory Stick slot: Memory Stick PRO Duo™ Media
Manual / Auto Lens Cover: Manual
Assignable Dial: N/A
S/S & Zoom button on LCD: Yes
Light/Flash: N/A

Optics/Lens

35mm Equivalent: 43 - 1075mm (4:3 Camera Mode), 41 - 1189mm (16:9 Camera Mode)
Aperture: F1.8 - 3.2
Exposure: Touch Panel (27 steps)
Filter Diameter: 30mm
Focal Distance: 2.5 - 62.5mm
Focus: Full range auto / Manual (Touch Panel)
Progressive Shutter Mode: N/A
Shutter Speed: Auto, 1/2 - 1/4000 (Scene Selection Mode)
Optical Zoom: 25x
Digital Zoom: 2000x
Lens Type: Carl Zeiss® Vario-Tessar®
Minimum Illumination: 8 lux (Auto Slow Shutter ON, Shutter Speed 1/30)

Power

Battery Type: InfoLITHIUM® with AccuPower™ Meter System (NP-FH40)
Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)
Power Consumption (in Operation): 2.5W / 2.8W (VF/LCD)

Service and Warranty Information

Limited Warranty Term: Limited Warranty --- 1 Year Parts; 90 Days Labor

Software

Operating System Compatibility: Microsoft® Windows® 2000 Professional, XP Home, XP Professional, Windows Vista
Supplied Software: Picture Motion Browser

Dimensions

Weight: 13 oz (390g) without Tape and Battery, 1lb (455g) with Tape and Battery
Measurements: 2 1/2 x 3 3/8 x 4 5/8 inch (63 x 85 x 115mm) with battery, 2 1/2 x 3 3/8 x 4 1/2 inch (63 x 85 x 114mm) without battery

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L200)
InfoLITHIUM® Rechargeable Battery (NP-FH30)
Remote Commander® Remote Control (RMT-831)
Multi A/V Cable (Stereo)
USB Cable
Enjoy Handycam DVD

Optional Accessories

LCS-X20 Case
Rechargeable InfoLITHIUM® Batteries (NP-FH50/FH70/FH100)
BC-TRP travel charger
VCT-50AV Remote tripod
AC-VQH10 AC Adaptor/Charger for H series batteries

UPC Code: 027242727397

1. Viewable area measured diagonally.
5. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE1394 connection. The i.LINK connection may vary depending on the software applications, operating system and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other
6. Not all products with USB connectors may communicate with each other due to chipset variations.
7. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.

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Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary.

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